

IN THE CLAIMS:

Please cancel Claims 47 to 52 without prejudice or disclaimer of subject matter and amend the claims as shown below. The claims, as pending in the subject application, read as follows:

1. (Currently Amended) A network managing method providing a device list with which device information with regard to a plurality of devices is arranged in order and displayed for every device, comprising:

a first designating step of designating accepting a user designation of a type of at least one device information to be displayed in the device list, from among a plurality of types of predetermined device information capable of being displayed in the device list;

a display control step of controlling to display, from among the plurality of types of device information, the type of the device information designated by the user in said first designating step in the device list, and not to display the type of the device information not designated by the user in said first designating step in the device list; and

a second designating step of designating accepting a user designation of a type of the device information to be used as a display criteria criterion in the case where a plurality of devices are arranged in order in the device list; and

~~a control step wherein the device information of the type designated in the second designating step is controlled to be displayed in the device list, in spite of the type of information being designated by the second designating step not being included in the type of information designated in the first designating step~~

wherein said display control step is adapted to control to display in the device list the type of device information designated by the user in said second designating

step even in a case where the type of the device information designated by the user in said second designating step is not designated by the user in said first designating step.

2. (Original) The method according to claim 1, further comprising a display step of displaying the device list on a display area.

3. (Currently Amended) The method according to claim 1, further comprising a sort step wherein a plurality of devices is sorted based on device information of the type designated in the second designating step, wherein in the display control step, device information of the type designated in the first designating step and device information of the type designated in the second designating step are controlled to be displayed in order of the sorted devices in the device list.

4. (Currently Amended) The method according to claim 1, wherein said first designating step comprises an information type obtaining step of obtaining a type of information representing a type of device information specified to be displayed in the device list, and

said display control step comprises a changing step of changing the information type so that the device information of the type designated in the second designating step is displayed in the device list.

5. (Previously Presented) The method according to claim 1, further comprising:

a detection step of detecting a plurality of devices connected to a network;

a device information obtaining step of obtaining device information from the detected plurality of devices; and

a device list generation step of generating device list data representing the device list based on the obtained device information.

6. (Previously Presented) The method according to claim 5, further comprising a storing step of storing the obtained device information in a memory area, and, in the device list generation step, generating the device list data based on the device information stored in the memory area.

7. (Previously Presented) The method according to claim 5, further comprising:

a transmitting step of transmitting the generated device list data to the network; and

a display controlling step of analyzing the transmitted device list data and having a display area display the device list.

8. (Previously Presented) The method according to claim 7, wherein said device list data is data described in HTML, and in the device list transmitting step the device list data is transmitted to the network using an HTTP protocol.

9. (Original) The method according to claim 8, wherein the device is a printer.

10. (Previously Presented) The method according to claim 1, wherein the device information is at least one type of information selected from the group of a device name, a device product name, a location of device installation, a device network address, and a device MAC address.

11. (Currently Amended) A device management device providing a device list in which device information with regard to a plurality of devices are is arranged in order and displayed for every device, comprising:

first designating means for ~~designating~~ accepting a user designation of a type of at least one device information to be displayed in the device list, from among a plurality of types of predetermined device information capable of being displayed in the device list;

a display control means for controlling to display, from among the plurality of types of device information, the type of the device information designated by the user in said first designating means in the device list, and not to display the type of the device information not designated by the user in said first designating means in the device list; and

second designating means for ~~designating~~ accepting a user designation of a type of device information to be used as a display criteria criterion in the case where a plurality of devices are arranged in order in the device list; and

~~control means in which device information of the type designated by the second designating means is controlled to be displayed in the device list, in spite of the type of information designated in the second designating means not included in the type of information designated in the first designating means~~

wherein said display control means is adapted to control to display in the device list the type of device information designated by the user in said second designating means even in a case where the type of the device information designated by the user in said second designating means is not designated by the user in said first designating means.

12. (Original) The device according to claim 11, wherein said device list is displayed in a display area of an external device.

13. (Currently Amended) The device according to claim 11, further comprising sort means for sorting a plurality of devices based on device information of the type designated in the second designating means, wherein the display control means controls display of device information of the type designated in the first designating means and device information of the type designated in the second designating means to be displayed in order of the sorted devices in the device list.

14. (Currently Amended) The device according to claim 11, wherein said first designating means obtains a type of information representing a type of device information specified to be displayed in the device list, and said display control means changes the information type so that the device information of the type designated in the second designating means is displayed in the device list.

15. (Previously Presented) The device according to claim 11, further comprising:

detecting means for detecting a plurality of devices connected to a network;
device information obtaining means for obtaining device information from
the detected plurality of devices; and
device list generating means for generating device list data representing the
device list based on the obtained device information.

16. (Previously Presented) The device according to claim 15, further
comprising memory means for storing the obtained device information, wherein the device
list generating means generates the device list data based on the device information stored
in the memory means.

17. (Previously Presented) The device according to claim 15, further
comprising transmitting means for transmitting the generated device list data to an external
device, wherein the external device analyzes the transmitted device list data and has a
display area display the device list.

18. (Previously Presented) The device according to claim 17, wherein the
device list data is data described in HTML and the device list transmitting means transmits
the device list data to the network using an HTTP protocol.

19. (Original) The device according to claim 18, wherein the device is a
printer.

20. (Previously Presented) The device according to claim 11, wherein the device information is at least one type of information selected from the group of a device name, a device product name, a location of device installation, a device network address, and a device MAC address.

21. (Currently Amended) A computer-executable program stored on a computer-readable storage medium, said program for providing a device list with which device information with regard to a plurality of devices is arranged in order and displayed for each device, wherein said program makes a computer perform the steps of:

a first designating step of designating accepting a user designation of a type of at least one device information to be displayed in the device list, from among a plurality of types of predetermined device information capable of being displayed in the device list;

a display control step of controlling to display, from among the plurality of types of device information, the type of the device information designated by the user in said first designating step in the device list, and not to display the type of the device information not designated by the user in said first designating step in the device list; and

a second designating step of designating accepting a user designation of a type of device information to be used as a display criteria criterion in the case where a plurality of devices are arranged in order in the device list; and

a control step wherein the device information of the type designated in the second designating step is controlled to be displayed in the device list, in spite of the type of information being designated in the second designating step not being included in the type of information designated in the first designating step

wherein said display control step is adapted to control to display in the device list the type of device information designated by the user in said second designating step even in a case where the type of the device information designated by the user in said second designating step is not designated by the user in said first designating step.

22. (Previously Presented) The program according to a claim 21, wherein the program further makes the computer perform a display step that displays the device list on a display area.

23. (Currently Amended) The program according to a claim 21, wherein the program further makes the computer perform a sort step to sort a plurality of devices based on device information of the type designated in the second designating step, and controls, in the display control step, display of device information of the type designated in the first designating step and device information of the type designated in the second designating step ~~to be displayed~~ in order of the sorted devices in the device list.

24. (Currently Amended) The program according to a claim 21, wherein said first designating step comprises an information type obtaining step to obtain a type information representing a type of device information specified to be displayed in the device list, and

said display control step comprises a changing step of changing the information type so that the device information of the type designated in the second designating step is displayed in the device list.

25. (Previously Presented) The program according to a claim 21, wherein said program further makes the computer perform the steps of:

a detection step of detecting a plurality of devices connected to a network;

a device information obtaining step of obtaining device information from the detected plurality of devices; and

a device list generation step of generating device list data representing the device list based on the obtained device information.

26. (Currently Amended) A computer-readable recording medium for storing a computer-executable program to provide a device list in which device information with regard to a plurality of devices is arranged in order and displayed for every device, the program comprising the steps of:

a first designating step of designating accepting a user designation of a type of at least one device information to be displayed in the device list, from among a plurality of types of predetermined device information capable of being displayed in the device list;

a display control step of controlling to display, from among the plurality of types of device information, the type of the device information designated by the user in said first designating step in the device list, and not to display the type of the device information not designated by the user in said first designating step in the device list; and

a second designating step of designating accepting a user designation of a type of device information to be used as a display criteria criterion in the case where a plurality of devices are arranged in order in the device list; and

a control step in which device information of the type designated in the second designating step is controlled to be displayed in the device list, in spite of the type

~~of information designated in the second designating step not being included in the type of information designated in the first designating step~~

wherein said display control step is adapted to control to display in the device list the type of device information designated by the user in said second designating step even in a case where the type of the device information designated by the user in said second designating step is not designated by the user in said first designating step.

27. (Previously Presented) The recording medium according to claim 26, wherein the program further comprises a display step having a display area display the device list.

28. (Currently Amended) The recording medium according to claim 26, wherein the program further comprises a sort step of sorting a plurality of devices based on device information of the type designated in the second designating step, and controlling, in the display control step, display of device information of the type designated in the first designating step and device information of the type designated in the second designating step ~~to be displayed~~ in order of the sorted devices in the device list.

29. (Currently Amended) The recording medium according to claim 26, wherein said first designating step comprises an information type obtaining step of obtaining a type of information representing a type of a device information specified to be displayed in the device list; and

said display control step comprises a changing step of changing the information type so that device information of the type designated in the second designating step is displayed in the device list.

30. (Previously Presented) The recording medium according to claim 26, wherein the program further comprises the steps of:

a detection step of detecting a plurality of devices connected to a network;
a device information obtaining step of obtaining device information from the detected plurality of devices; and

a device list generation step of generating device list data representing the device list based on the obtained device information.

31. (Currently Amended) A providing method of providing a data list that displays data with regard to a plurality of records arranged in order for every record, comprising the steps of:

a first designating step of designating accepting a user designation of at least one data type to be displayed in the data list, from among a plurality of predetermined data types capable of being displayed in the data list;

a second designating step of designating accepting a user designation of a data type to be used as a display criteria criterion in the case where a plurality of records are arranged in the data list; and

a display control step of controlling a display of the plurality of records such that each record is displayed with the type of data designated by the user in the first

designating step and is not displayed with the type of data not designated by the user in the first designating step;

wherein in said display control step, data of the type designated by the user in the second designating step to be is displayed in the data list, in spite of the type of information designated in the second designating step not being even if it is not included in the type of information designated by the user in the first designating step.

32. (Original) The method according to claim 31, further comprising a display step of making a display area display the data list.

33. (Currently Amended) The method according to claim 31, further comprising a sort step of sorting a plurality of records based on data of the type designated in the second designating step, wherein in said display control step, data of the type designated in the first designating step and data of the type designated in the second designating step are controlled to be displayed in order of the sorted records in the data list.

34. (Currently Amended) The method according to claim 31, wherein said first designating step comprises an information type obtaining step of obtaining a type of information representing a data type specified to be displayed in the data list, and said display control step comprises a changing step of changing the information type so that the data of the type designated in the second designating step is displayed in the data list.

35. (Currently Amended) A device for providing a data list in which data with regard to a plurality of records is arranged and displayed in order for every record, comprising:

first designating means for ~~designating~~ accepting a user designation of at least one data type to be displayed in the data list, from among a plurality of predetermined data types capable of being displayed in the data list;

second designating means for ~~designating~~ accepting a user designation of a data type to be used as a display criteria criterion when a plurality of records are arranged in the data list; and

display control means for displaying the plurality of records such that each record is displayed with the type of data designated by the user in the first designating means and is not displayed with the type of data designated by the user in the first designating means;

wherein in said display control means, in which device information of the type designated by the user in the second designating means is controlled ~~to be~~ is displayed in the data list, ~~in spite of the type of information designated in the second designating means not being even if it is not~~ included in type of information designated by the user in the first designating means.

36. (Original) The device according to claim 35, further comprising displaying means for making a display area display the data list.

37. (Currently Amended) The device according to claim 35, further comprising sort means for sorting a plurality of records based on data of the type obtained in the second designating means,

wherein the display control means controls data of the type designated in the first designating means and data of the type designated in the second designating means to be displayed in order of the sorted records in the data list.

38. (Previously Presented) The device according to claim 35, wherein said first designating means obtains an information type representing a data type specified to be displayed in the data list, and said control means changes the information type so that data of the type designated in the second designating means is displayed in the data list.

39. (Currently Amended) A computer-executable program stored on a computer-readable storage medium, said program for providing a data list that displays data with regard to a plurality of records arranged in order for every record, wherein the program makes a computer perform the steps of:

a first designating step of designating accepting a user designation of at least one data type to be displayed in the data list, from among a plurality of predetermined data types capable of being displayed in the data list;

a second designating step of designating accepting a user designation of a data type to be used as a display criteria criterion in the case where a plurality of records are arranged in the data list; and

a display control step for displaying the plurality of records such that each record is displayed with the type of data designated by the user in the first designating

means and is not displayed with the type of data designated by the user in the first designating step;

wherein in said display control step, in which data of the type designated by the user in the second designating step is controlled to be is displayed in the data list, in spite of the type of data designated in the second designating step not being even if it is not included in the type of data designated by the user in the first designating step.

40. (Previously Presented) The program according to claim 39, wherein the program further makes the computer perform a display step of displaying the data list on a display area.

41. (Currently Amended) The program according to a claim 39, wherein said program further makes a computer perform a sort step of sorting a plurality of records based on data of the type designated in the second designating step, and in said display control step, data of the type designated in the first designating step and data of the type designated in the second designating step are controlled to be displayed in order of the sorted records in the data list.

42. (Previously Presented) The program according to a claim 39, wherein said program further makes a computer perform in the first designating step an information type obtaining step of obtaining a type of information representing a data type specified to be displayed in the data list, and said control step has a changing step of changing the information type so that data of the type designated in the second designating step is displayed in the data list.

43. (Currently Amended) A computer-readable recording medium which stores a computer-executable program for providing a data list in which data with regard to a plurality of records is arranged in order and displayed for every record, wherein said program comprises the steps of:

a first designating step of designating accepting a user designation of at least one data type to be displayed in the data list, from among a plurality of predetermined data types capable of being displayed in the data list;

a second designating step of designating accepting a user designation of a type of data to be used as a display criteria criterion in the case where a plurality of records are arranged in order in the data list; and

a display control step of controlling a display of the plurality of records such that each record is displayed with the type of data designated by the user in the first designating step and is not displayed with the type of data not designated by the user in the first designating step;

wherein in said display control step, data of the type designated by the user in the second designating step to be is displayed in the data list, in spite of the type of data designated in the second designating step not being even if it is not included in the type of data designated by the user in the first designating step.

44. (Previously Presented) The recording medium according to claim 43, wherein the program further comprises a display step of displaying the data list on a display area.

45. (Currently Amended) The recording medium according to claim 43, wherein said program further comprises a sort step of sorting a plurality of records based on data of the type designated in the second designating step, and in said display control step, data of the type designated in the first designating step and data of the type designated in the second designating step are controlled to be displayed in order of the sorted records in the data list.

46. (Previously Presented) The recording medium according to claim 43, wherein the further comprises in the first designating step an information type obtaining step of obtaining a type of information representing a data type specified to be displayed in the data list, and said control step comprises a changing step of changing the information type so that data of the type designated in the second designating step is displayed in the data list.

47. to 52. (Canceled)

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